IN THE CLAIMS

The status of each claim in the present application is listed below.

1. (Previously Presented): A highly filled polyolefin compound comprising a maleic-anhydride-modified polyolefin and at least one amino-functional silicon compound, from the following series:

a) an aminosilane of the general formula I

$$R^1\text{-}Si(CH_3)_x(Z)_{3-x} \qquad (I),$$

where the groups Z are identical or different and Z is an alkoxy group having from 1 to 4 carbon atoms, x is 0 or 1, and R^1 is an amino group of the formula $H_2N\text{-}[(CH_2)_2NH]_y\text{-}(CH_2)_3\text{-}$, where y is 0 or 1 or 2,

b) an aminosilane of the general formula II

$$R^2{}_{(2-v)}NH_v\text{-}(CH_2)_3\text{-}Si(CH_3)_x(Z)_{3-x} \qquad (II),$$

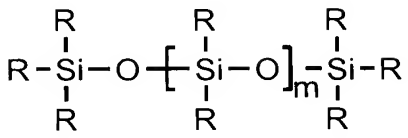
where the groups Z are identical or different and Z is an alkoxy group having from 1 to 4 carbon atoms, x and v, independently, are 0 or 1, the groups R^2 are identical or different, and R^2 is a linear, cyclic, or branched alkyl group having from 1 to 20 carbon atoms,

c) a bisaminosilane of the general formula (III)

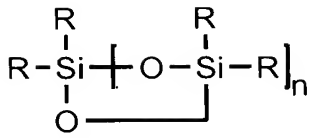
$$(Z)_3Si(CH_2)_3[NH(CH_2)_2]_wNH[(CH_2)_2NH]_z(CH_2)_3Si(Z)_3 \qquad (III),$$

where the groups Z are identical or different and Z is an alkoxy group having from 1 to 4 carbon atoms, and w and z, independently of one another, are 0, 1 or 2,

d) aminosiloxane oligomers of the general formulae (IV) and (V),



(IV)



(V)

where the substituents R are composed of

aminopropyl-functional groups of the formula $-(CH_2)_3-NH_2$ or $-(CH_2)_3-NHR'$ or $-(CH_2)_3-NH(CH_2)_2-NH_2$ or $-(CH_2)_3-NH(CH_2)_2-NH(CH_2)_2-NH_2$, where R' is a linear, branched, or cyclic alkyl group having from 1 to 18 carbon atoms, or an aryl group having from 6 to 12 carbon atoms, and

methoxy, ethoxy and/or propoxy groups, and

where appropriate, alkyl, alkenyl, isoalkyl or cycloalkyl groups having from 1 to 18 carbon atoms, and/or aryl groups having from 6 to 12 carbon atoms,

where at most one aminopropyl-functional group has bonding to a silicon atom and the degree of oligomerization for compounds of the general formula IV is in the range $2 \leq m \leq 30$, and that for compounds of the general formula V is $3 \leq n \leq 16$,

e) a mixture composed of at least two of the amino-functional silicon compounds selected from the group of an aminosilane of the general formula,

$$R^1\text{-}Si(CH_3)_x(Z)_{3-x},$$

where the groups Z are identical or different and Z is an alkoxy group having from 1 to 4 carbon atoms, x is 0 or 1, and R^1 is an amino group of the formula $H_2N-[(CH_2)_2NH]_y-(CH_2)_3-$, where y is 0 or 1 or 2,

an aminosilane of the general formula

$$R^2_{(2-v)}NH_v\text{-}(CH_2)_3\text{-}Si(CH_3)_x(Z)_{3-x},$$

where the groups Z are identical or different and Z is an alkoxy group having from 1 to 4 carbon atoms, x and v, independently, are 0 or 1,

the groups R^2 are identical or different, and R^2 is a linear, cyclic, or branched alkyl group having from 1 to 20 carbon atoms or an aryl group having from 6 to 12 carbon atoms,

a bisaminosilane of the said general formula (III), and

the aminosiloxane oligomers of the said general formulae (IV) and (V),

or

f) a mixture of at least one amino-functional silicon compound with at least one vinyl silane and/or alkyl silane.

2. (Previously Presented): The highly filled compound as claimed in claim 1, the preparation of which is based on starting materials from the following series

(i) polypropylene (PP) or polyethylene (PE),

(ii) maleic-anhydride-modified polypropylene or maleic-anhydride-modified polyethylene,

(iii) filler,

(iv) at least one aminosilane and/or aminosiloxane according to a) to f), and

(v) where appropriate, stabilizers and processing aids.

3. (Currently Amended): The highly filled compound as claimed in claim 2 [[1]], wherein the proportion of component (ii) is from 0.1 to 10 parts by weight, based on the entire polymer content.

4. (Previously Presented): The highly filled compound as claimed in claim 1, wherein

metal powders, metal oxides, metal hydroxides, and/or biomaterials are present as fillers.

5. (Original): The highly filled compound as claimed in claim 4, wherein

magnesium hydroxide, silicon dioxide, silicates, organoclays, aluminum hydroxide, antimony oxide, calcium carbonate, wood, natural fibers, or biodegradable fillers are present.

6. (Currently Amended): The highly filled compound as claimed in claim 1, wherein

a [[the]] filler content is from 30 to 85% by weight, based on the compound.

7. (Currently Amended): The highly filled compound as claimed in claim 2 [[1]], wherein

the content of component (iv) is from 0.01 to 5% by weight, based on the compound.

Claim 8: (Canceled).

9. (Currently Amended): A process for preparing a polyolefin compound as claimed in claim 2 [[1]],

which comprises

(A) combining components (i), (ii), (iii), (iv) and, where appropriate, (v) in a heated mixing assembly with extrusion apparatus, mixing these, extruding the melt, and obtaining pellets,

or

(B) first coating or mixing component (iii) with component (iv) in a stirred tank,

and also combining components (i) and (ii) and also, where appropriate, (v), in a heated mixing assembly with extrusion apparatus, and mixing these, and then adding the mixture of components (iii) and (iv) produced in the reactor to, and incorporating it into, the polymer mixture, extruding the melt, and obtaining the pellets.

10. (Previously Presented): A polyolefin compound obtained from the process of claim 9.

Claim 11: (Canceled).

12. (Previously Presented): A polyolefin molding comprising a highly filled polyolefin compound as claimed in claim 1.

13. (Previously Presented): A flame-retardant compound for cables comprising a polyolefin compound as claimed in claim 1.

Claim 14: (Canceled).

15. (New) The highly filled compound as claimed in claim 1, which comprises a).

16. (New) The highly filled compound as claimed in claim 1, which comprises b).

17. (New) The highly filled compound as claimed in claim 1, which comprises c).

18. (New) The highly filled compound as claimed in claim 1, which comprises d).

19. (New) The highly filled compound as claimed in claim 1, which comprises e).

20. (New) The highly filled compound as claimed in claim 1, which comprises f).

21. (New) The highly filled compound as claimed in claim 1, which comprises the aminosiloxane of general formula (IV).